# CIVIL-TECH CONSULTANTS AND ENGINEERS

Building & Highway Material Testing Laboratory

An ISO 9001:2008 Certified Company

JAS-ANZ BSCIC ISO 9001 REGISTERED


Job No.: CTCE/BBMP/W.No.15/KRIDL/CUBE/2012-13

31.03.2013

## TEST REPORT ON CONCRETE CUBES

Client : **Asst. Executive Engineer,** T. Dasarahalli Sub Division, BBMP, Bangalore.

Agency : **Technical Manager (West),** KRIDL, Bangalore.

Name of the work : Construction of RCC drain & covering slab Kalasti Nagara Railway Main House to Pampa Mahakavi Road in Ward No. 15, Dasarahalli, BBMP, Bangalore.

Reference : BBMP/DZ/AEE/TDSD/PR/15/2012-13 Dated: 01.03.2013

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 $mm^2$

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : $M_{20}$

Compressive Strength as on : $28^{th}$ day

| Sl.No. | Date of casting | Date of testing | Weight of cube (Kg) | Failure load (KN) | Compressive strength ($N/mm^2$) |
|---|---|---|---|---|---|
| 1 | 03.03.2013 | 31.03.2013 | 8.185 | 471.8 | 20.97 |
| 2 | 03.03.2013 | 31.03.2013 | 8.316 | 498.7 | 22.16 |
| 3 | 03.03.2013 | 31.03.2013 | 8.235 | 484.3 | 21.52 |

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 15 days from the date of testing.

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಟಿ. ದಾಸರಹಳ್ಳಿ ಉಪ ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
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